

STATISTICS
VAS Chapter, American Statistical Association

N. Rao Chaganty, President
Robert E. Johnson, Sec./Treas.
D'Arcy Mays, VAS Councilor

J. P. Morgan, Vice President
Roy T. Sabo, ASA Councilor
Dayanand Naik, VAS Editor

* Eligible for the best student paper

Thursday Morning, May 24, 2012

N. Rao Chaganty, Presiding

- 8:30 Session begins: Welcome
1. 8:45 * **A Comparison of Multinomial Discrete Choice Probit Model with Conditional Logit Model under Equicorrelation Structure.** Bhaskara Ravi and N. Rao Chaganty, Department of Mathematics and Statistics, Old Dominion University.
2. 9:00 * **Pairwise Likelihood Approach for Analyzing Longitudinal Data Using a Robust Correlation Structure.** Sirisha Mushti and N. Rao Chaganty, Department of Mathematics and Statistics, Old Dominion University.
3. 9:15 * **Bootstrap Smoothing with Application to Parameter Estimation in Non-Linear Time Series Models.** Rajan Lamichhane and Norou Diawara, Department of Mathematics and Statistics, Old Dominion University.
- 9:30 **BREAK - VISIT THE POSTER SESSION AND EXHIBITS**
4. 9:40 * **A GLR Control Chart for Dependent Binary Data.** Ning Wang and Marion Reynolds, Department of Statistics, Virginia Polytechnic Institute and State University.
5. 9:55 * **GLR Control Charts for Monitoring the Process Mean Using Sequential Sampling.** Yiming Peng and Marion Reynolds, Department of Statistics, Virginia Polytechnic Institute and State University.
6. 10:10 * **The GLR Control Chart for Monitoring the Process Mean Subject to Linear Drifts.** Liaosa Xu, Sai Wang, and Marion Reynolds, Department of Statistics, Virginia Polytechnic Institute and State University
- 11:00 **VIRGINIA JUNIOR ACADEMY OF SCIENCE AWARD PAPERS**
- 11:30 SECTION BUSINESS MEETING - Election of Section Officers, Business and Announcements.
- 12:00 **LUNCH** (Dutch Treat)

Thursday Afternoon, May 24, 2012

J. P. Morgan, Presiding

7. 1:30 **INVITED TALK: Clinical Trials for Personalized Medicine: Some Important Statistical Issues.** Feifang Hu, Department of Statistics, University of Virginia.
- 2:30 Discussion
- 3:00 Adjourn